

U.S. Patent Application Serial No. 10/707,796
Response filed May 4, 2005
Reply to OA dated February 9, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1 (currently amended): A junction terminal accommodated in a connector housing to
2 connect a pin terminal fitted on a case of an electric instrument with a receptacle terminal of a wiring
3 harness connector, the junction terminal comprising:

4 a female electrical contact portion to electrically connect with the pin terminal of the electric
5 instrument,

6 a male electrical contact portion to electrically connect with the receptacle terminal of the
7 wiring harness connector, and

8 a bridging portion to connect the female electrical contact portion with the male electrical
9 contact portion, the bridging portion formed unitarily with the female and male electrical contact
10 portions,

11 wherein the bridging portion is inclined ~~the male electrical contact portion is arranged~~ such
12 that a first longitudinal line passing an intermediate point of the male electrical contact portion aligns
13 with a second longitudinal line passing an intermediate point of the female electrical contact portion.

1 Claim 2 (currently amended): The junction terminal as claimed in claim 1, wherein the male
2 electrical contact portion is constructed so as to be correctly positioned by a positioning member

3 attached to the connector housing, the positioning member having a through hole to pass the male
4 electrical contact portion of the junction terminal, the male electrical contact portion having a cross
5 section that fits in the through hole to position the junction terminal in the connector housing, the
6 positioning member having a locking piece engaged with an inner surface of the connector housing.

1 Claim 3 (currently amended): A connector comprising:
2 a connector housing and
3 a junction terminal accommodated in the connector housing to connect a pin terminal fitted
4 on a case of an electric instrument with a receptacle terminal of a wiring harness connector,
5 wherein the junction terminal has a female electrical contact portion to electrically connect
6 with the pin terminal of the electric instrument, a male electrical contact portion to electrically
7 connect with the receptacle terminal of the wiring harness connector, and a bridging portion to
8 connect the female electrical contact portion with the male electrical contact portion, the bridging
9 portion formed unitarily with the female and male electrical contact portions, wherein the bridging
10 portion is inclined ~~the male electrical contact portion is arranged~~ such that a first longitudinal line
11 passing an intermediate point of the male electrical contact portion aligns with a second longitudinal
12 line passing an intermediate point of the female electrical contact portion.

1 Claim 4 (currently amended): The connector ~~The junction terminal~~ as claimed in claim 3,
2 wherein the male electrical contact portion is constructed so as to be correctly positioned by a

3 positioning member attached to the connector housing, the positioning member having a locking
4 piece engaged with an inner surface of the connector housing.

1 Claim 5 (currently amended): The connector ~~The junction terminal~~ as claimed in claim 4,
2 wherein the positioning member has a through hole to pass the male electrical contact portion of the
3 junction terminal, and a cross section of the male electrical contact portion fits in the through hole
4 to position the junction terminal in the connector housing.

1 Claim 6 (new): The junction terminal as claimed in claim 2, wherein the connector housing
2 is secured to the case with bolts.

1 Claim 7 (new): The connector as claimed in claim 5, wherein the connector housing is
2 secured to the case with bolts.

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